M.O. 262A.

# MONTHLY SUPPLEMENT No. 2—MARCH, 1933

TO THE

# MARINE OBSERVER—VOL. X, No. 109.

METEOROLOGICAL OFFICE LIBRARY 25 FEB. 1933

## MARINE METEOROLOGY.

### Co-operation of Shipowners, Masters and Mates.

Captains and Officers of ships registered in Great Britain and Northern Ireland, who wish to co-operate regularly with the Meteorological Office should apply to the appropriate Port Meteorological Officer or Agent, a list of whom, with addresses, is given below.

In accordance with the International Convention for Safety of Life at Sea, the Meteorological Office arranges for certain "Selected Ships" to take meteorological observations at specified hours, and to transmit such observations by wireless telegraphy, for the benefit of other ships and the various meteorological services.

Arrangements are also made for a limited number of ships to keep meteorological logs in certain trades for the purpose of completing the meteorological survey of the oceans.

Ships performing these voluntary duties are known as Observing Ships; the whole as the Voluntary Observing Fleet; and the commanders and officers of these ships as the Corps of Voluntary Marine Observers.

At present the observing fleet is limited to a number not exceeding 366 observing ships. The number of British "Selected Ships" is determined upon the British proportion of world tonnage, on the assumption that there should be a total of 1,000 "Selected Ships" of all nations.

The observing fleet list indicating which are "Selected Ships," with the names of commanders, officers, and other particulars, is published in THE MARINE OBSERVER and kept up to date monthly.

A general description of marine meteorological work, including the particulars desired from intending marine observers, is given in Chapter I of THE MARINE OBSERVER'S HANDBOOK, 5th Edition, which is supplied to all observing ships, and may also be obtained from H.M. Stationery Office, direct, or through any bookseller, price 2s. 6d.

THE QUARTERLY MARINE OBSERVER or MONTHLY SUPPLEMENT is sent regularly to the captain of every observing ship, for the information and guidance of his observing officers, and in the case of "Selected Ships," the wireless operators also. The Captains of observing ships are also supplied on request with charts, and atlases, according to trade, if available, as meteorological equipment.

Ships keeping the Meteorological Log, Form 915, are lent a complete set of official tested instruments.

"Selected Ships," other than meteorological log keeping ships, keep the Ships' Meteorological Record, Form 911. All "Selected Ships" also keep the Ships' Wireless Weather Register, Form 138.

No observing ship is detailed as a "Selected Ship" unless she has on board a reliable mercurial barometer.

Official tested instruments are lent to "Selected Ships" when necessary.

The commanders of observing ships keeping the meteorological log are requested to return it (accompanied by Form 138 in the case of "Selected Ships") through the appropriate Port Meteorological Officer or Agent at intervals of not more than five months.

Commanders of observing ships keeping Forms 911 are requested to return them (accompanied by Form 138 in the case of "Selected Ships") by post direct to the Meteorological Office, London, at the end of each voyage, or at intervals of not more than two months.

These forms have the address and "On His Majesty's Service" printed upon them, and should be folded for posting accordingly.

The Port Meteorological Officers and Merchant Navy Agents inspect official instruments in Meteorological log ships half-yearly, and in "Selected Ships" quarterly, when possible; and they will replace defective gear. These officers will also check the accuracy of barometers in observing ships, but marine observers should themselves frequently check by comparison.

The work of the British observing fleet, that of the observing fleets of other nations party to the Convention for Safety of Life at Sea, together with Weather Shipping Bulletins and Gale and Hurricane Warnings conforming to the International Convention for Safety of Life at Sea, provide the necessary information for shipping. Thus a world wide service for all shipping, at the minimum cost to national funds, is provided. Shipowners are asked to facilitate this voluntary work which is done by the commanders and officers of their ships.

Shipowners will greatly assist by facilitating the forwarding of postal matter from the Air Ministry addressed to the Captains of ships.

All ships fitted with W/T are advised to procure the DECODE for use with the International Code for Wireless Weather Messages from Ships, M.O. Pubn. 329, which can be obtained from H.M. Stationery Office, price 3d. This gives a description of the system of communication of "Selected Ships," as well as the DECODE.

For guidance in the practical use of wireless weather intelligence, WIRELESS AND WEATHER AN AID TO NAVIGATION may be obtained from H.M. Stationery Office, through any bookseller, price 5s.

## NAUTICAL OFFICERS AND AGENTS OF THE MARINE DIVISION OF THE METEOROLOGICAL OFFICE, AIR MINISTRY.

**LONDON** ... ... Captain L. A. BROOKE SMITH, R.D., R.N.R., Marine Superintendent.
Commander J. HENNESSY, R.D., R.N.R., Senior Nautical Assistant.
Room 324, Adastral House, Kingsway, W.C.2.
(*Telephone No.: Holborn 3434 Extension 421*).
Nearest station Temple, District Railway.

**THAMES** ... ... Lieut. Commander C. H. WILLIAMS, R.N.R., Port Meteorological Officer, P.L.A. Building, King George V Dock (south side), London, E.16.
(*Telephone No.: Albert Dock 2659. Telegraphic Address: Barometric Aldock, London*).

**MERSEY** ... ... Commander M. CRESSWELL, R.N.R., Port Meteorological Officer, Dock Office, Liverpool.
(*Telephone No.: Bank 8959. Telegraphic Address: Meteorite, Liverpool*).

### Agents.

**BRISTOL CHANNEL** Captain T. JOHNSTON, Technical College, Cathays Park, Cardiff. (*Telephone No.: Cardiff 6813*).

### Agents (*contd.*).

**CLYDE** ... ... Mr. ROBERT CLEARY, Master Mariner, The Clutha Stevedoring Co., Ltd., Princes Dock, Glasgow. (*Telephone No.: 513 Ibrox*).

**FORTH** ... ... Captain C. G. BONNER, V.C., D.S.C., Leith Salvage and Towage Co., Ltd., 2, Commercial Street, Leith.

**HONG KONG**, China. Lieut. Commander G. B. R. RUDYERD-HELPMAN, R.N., Superintendent, Admiralty Chart and Chronometer Depot, H.M. Dockyard.
(*Telephone No.: 108 Dockyard*).

**HUMBER** ... ... Captain A. M. BROWN, Ellerman Wilson Line Office, Hull. (*Telephone No.: Central 2180*).

**SOUTHAMPTON** Captain Sir BENJAMIN CHAVE, K.B.E. Room 35 Royal Mail Buildings.

**SYDNEY**, New South Wales. Commander G. D. WILLIAMS, D.S.O., R.D., R.N.R., Deputy Director of Navigation.
Captain R. G. BLAYNEY.
Customs House.
(*Telephone No.: B6421*).

**TYNE** ... ... Captain J. J. MCEWAN, Marine School, South Shields.

## DERELICTS AND FLOATING WRECKAGE.

| Date. | Position. Latitude. | Longitude. | Description. |
|---|---|---|---|
| **NORTH SEA.** | | | |
| 6.2.33 | 51°49′N. | 2°51′E. | Buoy, white and black vertical stripes with the letters *CEREMA*. |
| **ENGLISH CHANNEL.** | | | |
| 11.2.33 | 49°31′N. | 3°05′W. | Red conical buoy, with tower and flag. |
| 12.2.33 | 5 miles S.W. Prawle Point. | | Floating gas buoy, showing fixed white light. |
| **NORTH ATLANTIC.** | | | |
| 1.2.33 | 39°31′N. | 74°12′W. | Floating timbers. |
| 1.2.33 | 37°N. | 74°15′W. | Float about 15 ft. square. |
| **North Atlantic—*contd.*** | | | |
| 1.2.33 | 35°45′N. | 75°17′W. | Spar about 25 ft. long and 16 in. in diameter, buff in colour |
| 1.2.33 | 39°27′N. | 73°43′W. | Grey 18 ft. water-logged dory. |
| 2.2.33 | 40°37′N. | 70°21′W. | Section of a wharf, awash. |
| 4.2.33 | 25°30′N. | 52°30′W. | Large cylindrical rusty mooring buoy. |
| 6.2.33 | 33°01′N. | 27°27′W. | Whistle buoy |
| 7.2.33 | 36°23′N. | 74°52′W. | Conical buoy painted with vertical black and white stripes, and marked *B*. |
| **GULF OF MEXICO** | | | |
| 1.2.33 | 28°20′N. | 91°27′W. | Tree trunk about 35 ft. long and 2 ft. in diameter. |

# CHART OF THE WESTERN NORTH ATLANTIC.

Shewing the North Atlantic Lane Routes in force during MARCH as laid down by the Trans-Atlantic Track Convention. If at any time, owing to abnormal ice conditions, any alteration to the usual tracks is considered advisable by the track convention, particulars will be published on this chart. For full information concerning the North Atlantic Lane Routes see Vol. IX, No. 100, April 1932, Marine Observer, pages 80 and 81.

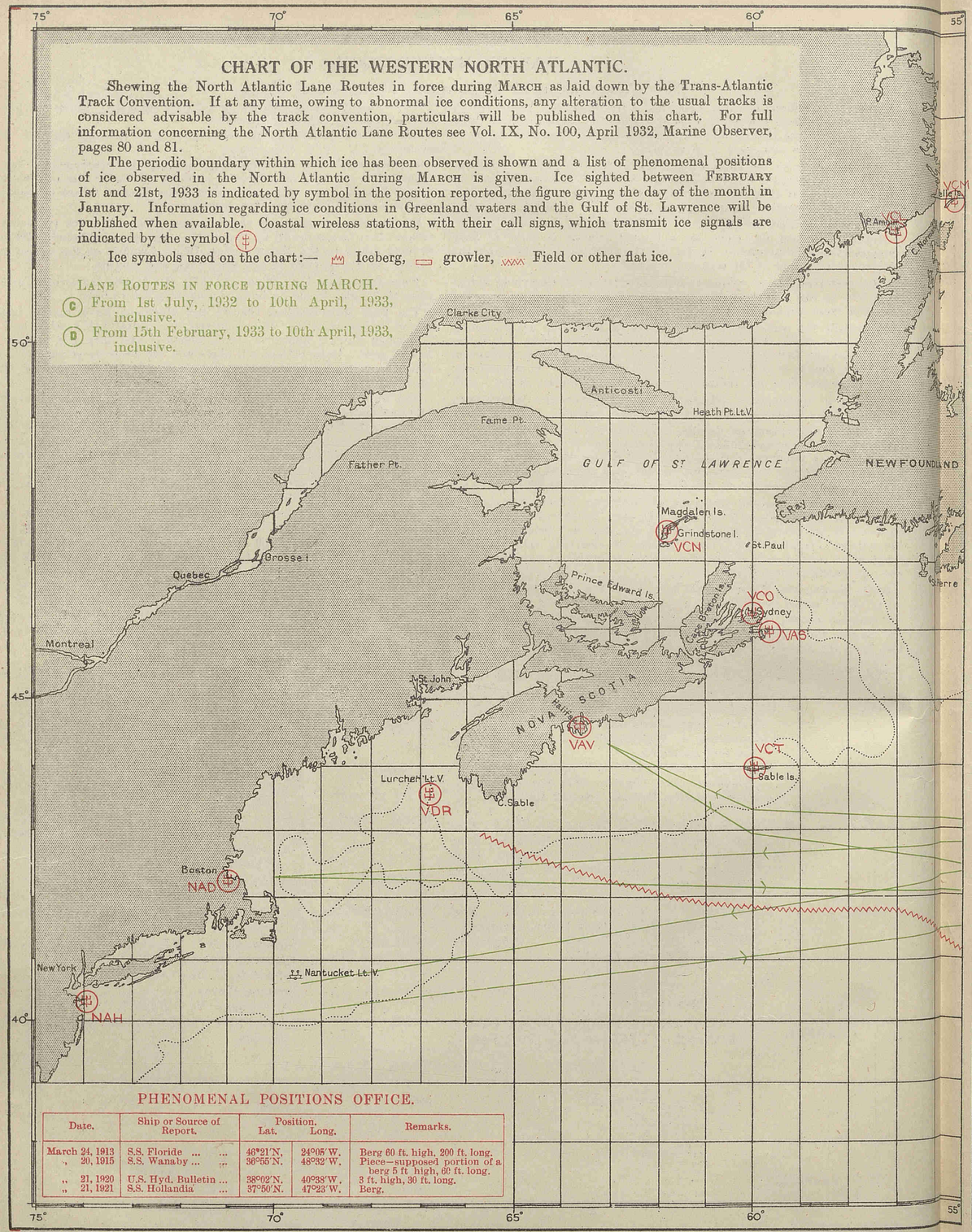
The periodic boundary within which ice has been observed is shown and a list of phenomenal positions of ice observed in the North Atlantic during MARCH is given. Ice sighted between FEBRUARY 1st and 21st, 1933 is indicated by symbol in the position reported, the figure giving the day of the month in January. Information regarding ice conditions in Greenland waters and the Gulf of St. Lawrence will be published when available. Coastal wireless stations, with their call signs, which transmit ice signals are indicated by the symbol ⏚

Ice symbols used on the chart:— Iceberg, growler, Field or other flat ice.

LANE ROUTES IN FORCE DURING MARCH.

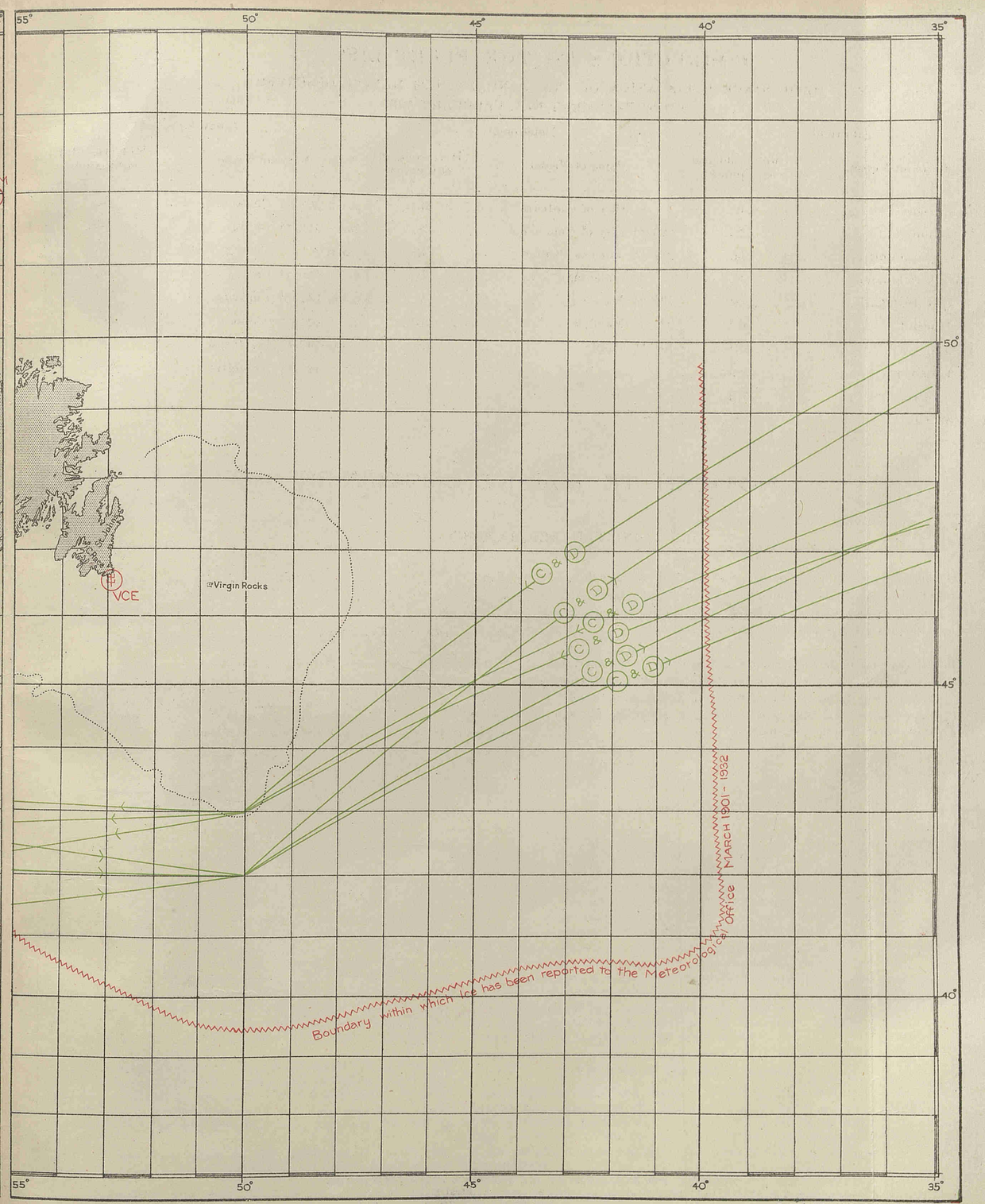
(C) From 1st July, 1932 to 10th April, 1933, inclusive.

(D) From 15th February, 1933 to 10th April, 1933, inclusive.




## PHENOMENAL POSITIONS OFFICE.

| Date. | Ship or Source of Report. | Position. Lat. | Long. | Remarks. |
|---|---|---|---|---|
| March 24, 1913 | S.S. Floride ... ... | 46°21'N. | 24°05'W. | Berg 60 ft. high, 200 ft. long. |
| ,, 20, 1915 | S.S. Wanaby ... ,,, | 36°55'N. | 48°32'W. | Piece—supposed portion of a berg 5 ft. high, 60 ft. long. |
| ,, 21, 1920 | U.S. Hyd. Bulletin ... | 38°02'N. | 40°38'W. | 3 ft. high, 30 ft. long. |
| ,, 21, 1921 | S.S. Hollandia ... | 37°50'N. | 47°23'W. | Berg. |

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Ps.610/2543.Wt.76 A.D.29. Gp.908.875.2/33.

# CORRECTIONS TO THE FLEET LIST

Up to February 13th 1933.

MADE SINCE PUBLICATION OF THE JANUARY, 1933 MARINE OBSERVER.
AND SUPPLEMENT No.1. FEBRUARY 1933.

| Additions. | | | Deletions. | | | Alterations. | | |
|---|---|---|---|---|---|---|---|---|
| Name of Vessel. | Meteorological equipment. | | Name of Vessel. | Meteorological equipment | | Name of Vessel. | Meteorological equipment. | |
| 072 †† Adriatic ... ... ... | S. | | City of Canberra ... | M.L. | | *from* 192 †† Chitral ... ... | M. | |
| 019 †† Alcantara ... ... | S. | | 220 *† City of Yokohama ... | S. | | *to* 192 †† Chitral ... ... | M-S. | |
| City of Canton ... ... | M. | | 072 ** Jamaica Planter ... | S. | | *from* City of Exeter... | S. | |
| 028 †† City of London... ... | S. | | 019 *† Malakuta ... ... | M. | | *to* 220 †† City of Exeter... | S. | |
| Clan Urquhart ... ... | M. | | 196 †† Malwa ... ... ... | M. | | *from* 041 *† Karamea ... | M.L. | |
| Deebank ... ... | M.L. | | 028 †† Mandala ... ... | M-S. | | *to* 041 *† Karamea ... | S. | |
| 196 †† Mulbera... ... ... | M-S. | | 101 †† Melita ... ... ... | S. | | *from* 149 †† Montclare ... | S. | |
| Paris City ... ... | M.L. | | | | | *to* 149 †† Montclare ... | M-S. | |
| Somerset ... ... | M.L. | | | | | | | |
| 101 †† Voltaire ... ... ... | S. | | | | | | | |

# NOTICES TO MARINE OBSERVERS.

## POSTAL ARRANGEMENTS.

The quarterly numbers of the MARINE OBSERVER are published on the last Wednesdays of December, March, June and September, while the monthly supplements are published on the last Wednesday of the intervening months.

If captains of observing ships will forward to the Meteorological Office the particulars required hereunder, endeavour will be made as far as mails permit to post the latest number or supplement with appropriate forms for observational work for use on their homeward passage.

*S.S.* ..... *Captain*.....

*Port of Call*.....

*Date of Homeward Departure*.....

*Postal Address*.....

When this information is not given The MARINE OBSERVER or Supplement will be addressed to the Commanding Officer, s.s....., c/o the owners, and captains are requested to make their own arrangements for forwarding.

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# LATE NOTICES

**The April number will be published on March 29th, 1933.**

LONDON
PRINTED AND PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE
To be purchased directly from H.M. STATIONERY OFFICE at the following addresses: Adastral House, Kingsway, London, W.C.2; 120, George Street, Edinburgh 2
York Street, Manchester; 1, St. Andrew's Crescent, Cardiff; 15, Donegall Square West, Belfast; or through any Bookseller
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